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November 25, 2014

Steve Olea, Director  
Utilities Division  
Arizona Corporation Commission  
1200 W. Washington  
Phoenix, AZ 85007

ORIGINAL

RE: Self-Certification of Environmental Compatibility for the West Valley North  
230kV Transmission Line Project, Decision No. 67828  
Docket No. L-00000D-04-0127

Pursuant to Decision No. 67828, dated May 5, 2005, Condition No. 22, Arizona Public Service Company files this self-certification letter and documentation for the West Valley North 230kV Transmission Line Project.

If you have any questions regarding this information, please contact Gregory Bernosky at (602)250-4849.

Sincerely,

Lisa Malagon

LM/sb  
Attachment

cc: Docket Control  
Brian Bozzo  
John Foreman, Chairman, Arizona Power Plant & Transmission Line Siting Committee  
Leisa Brug, Director, Governor's Office of Energy Policy  
Michael J. Lacey, Director, Arizona Department of Water Resources

Arizona Corporation Commission

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# **West Valley-North 230-kV Power Line and Substation Project**

Docket No.

L-00000D-04-0127

Arizona Corporation Commission

Decision No. 67828

*Certificate of Environmental  
Compatibility Compliance*

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December 2014

**Arizona Public Service**  
**West Valley-North 230-kV Power Line and Substation Project**

*Summary of Certificate of  
Environmental Compatibility Compliance*

**Introduction:**

Arizona Public Service Company (APS) submits the following self-certification documentation pursuant to Condition 22 of the West Valley-North 230-kV Power Line and Substation Project, Certificate of Environmental Compatibility Case No. 127, Docket No. L-00000D-04-0127, Decision No. 67828 (May 05, 2005).

On November 3, 2014 APS filed an application to extend the term of the CEC from May 5, 2015 to May 5, 2020 for the first circuit and from May 5, 2025 to May 5, 2030 for the second circuit. In that filing APS also notified the Commission that the Company has built the Trilby Wash Substation on 15 acres of land, rather than the 10 acres originally noted in the CEC.

Construction activities commenced in 2014 for the first circuit of the TS-2 to Sun Valley substation (TS-5) portion of this Project. The in-service date for the second circuit will be evaluated in future planning studies.

The following Condition Table lists all of the requirements and the status of compliance activities.

Arizona Public Service  
Summary of Certificate of Environmental Compatibility Compliance  
*West Valley-North 230-kV Power Line and Substation Project (Case 127)*

**Condition 1**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
The Applicant shall obtain all required approvals and permits necessary to construct the Project.	A summary of permits and approvals is included with this filing.

**Condition 2**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
The Applicant shall comply with all existing applicable air and water pollution control standards and regulations, and with all existing applicable ordinances, master plans and regulations of the State of Arizona, the County of Maricopa, the United States and any other governmental entities having jurisdiction.	APS standard practice includes compliance with all existing standards, regulations, and ordinances where applicable.

**Condition 3**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
This authorization to construct the Project shall expire 10 years from the date the Certificate is approved by the Arizona Corporation Commission unless construction is completed to the point that the Project is capable of operating by that time; provided, however, that the authorization to construct the second circuit of the Project shall expire 20 years from the date of this Certificate; provided, however, that prior to either such expiration the Applicant or its assignees may request that the Commission extend this time limitation.	<p>Project was certificated on May 5, 2005. Authorization to construct the first circuit expires on May 5, 2015. Authorization to construct the second circuit expires on May 5, 2025.</p> <p>On November 3, 2014 APS filed an Application to extend the term of the CEC from May 5, 2015 to May 5, 2020 for the first circuit and from May 5, 2025 to May 5, 2030 for the second circuit.</p>

**Condition 4**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
The Applicant shall make every reasonable effort to identify and correct, on a case-specific basis, all complaints of interference with radio or television signals from operation of the transmission line and related facilities addressed in this Certificate. The Applicant shall maintain written records for a period of five years of all complaints of radio or television interference attributable to operation, together with the corrective action taken in response to each complaint. All complaints shall be recorded to include notations on the corrective action taken. Complaints not leading to a specific action or for which there was no resolution shall be noted and explained. The record shall be signed by the Applicant and also the complainant, if possible, to indicate concurrence with the corrective action or agreement with the justification for a lack of action.	As of November 1, 2014, the Project is not in service. APS's standard practice includes tracking and responding to complaints of interference with radio and television signals as they are submitted to APS.

**Condition 5**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
The Project shall comply with applicable noise guidelines of the federal Department of Housing and Urban Development and the Environmental Protection Agency.	APS standard design practices include compliance with applicable noise guidelines.

**Condition 6**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
Applicant shall maintain a setback distance of 100 feet from the toe of McMicken Dam for any lattice tower or monopole structure related to the Project.	APS has complied with this setback Condition.

**Condition 7**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
The Applicant has consulted with the State Historic Preservation Office ("SHPO") and by letter dated January 6, 2005, SHPO determined that the Beardsley Canal (AZ T:6:5 ASTM) is eligible for inclusion in the State Register of Historic Places. In order to minimize impacts to properties considered eligible for inclusion in the State and National Register of Historic Places to the extent possible, the Applicant shall comply with SHPO's recommendations in the January 6, 2005 letter, including the recommendation that the Project span Beardsley Canal. A copy of this letter is Attachment B.	<p>APS has complied with the recommendations of the SHPO January 6, 2005 letter.</p> <p>APS has retained an environmental consultant to oversee the Project and make any necessary notifications.</p>

**Condition 8**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
If human remains and/or funerary objects are encountered during the course of any ground disturbing activities relating to the development of the subject property, Applicant shall cease work on the affected area of the Project and notify the Director of the Arizona State Museum in accordance with A.R.S. §41-865.	APS Standard practice includes compliance with A.R.S. §41-865.

**Condition 9**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
Applicant shall consult an archaeologist during construction activities in applicable areas, as determined by SHPO, to advise them in connection with any additional archaeological studies that may be required and any mitigation efforts for archaeological sites that may be affected by the construction of the Project.	<p>APS has complied with the recommendations for archeological consultation.</p> <p>APS has retained an environmental consultant (including an archaeologist) to oversee the Project and make any necessary notifications.</p>

**Condition 10**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
After construction, the Applicant, in conjunction with any applicable land managing agency, shall allow Arizona Site Stewards, a volunteer-staffed SHPO program, to periodically inspect archaeological sites within the corridor for vandalism or other damage.	APS allows Arizona Site Stewards to inspect sites within transmission corridors following construction.

**Condition 11**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
The Applicant shall follow the Arizona State Land Department's instructions, if any, regarding the treatment of State Register of Historic Places-eligible properties situated on Arizona State Land Department land in consultation with SHPO.	APS has complied with this Condition through consultation with SHPO and ASLD. No eligible properties have been identified on State Land.

**Condition 12**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
In consultation with SHPO and the land-managing agency, the Applicant will consider and assess potential direct and indirect impacts to eligible properties related to new access roads or any existing access roads that require blading.	APS has complied with this Condition. No eligible properties will be impacted.

**Condition 13**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
Where practicable, the Applicant shall use existing roads for construction and access. The Applicant shall minimize vegetation disturbance outside of the power-line right of way, particularly in drainage channels and along stream banks, and shall re-vegetate native areas of construction disturbance outside of the power-line right of way after construction has been completed.	APS is complying with this Condition. The requirements of this Condition are addressed in the construction mitigation and reclamation plan that was filed with ACC Docket Control on September 26, 2014.

**Condition 14**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
The Applicant shall use non-specular conductor and dulled surfaces for transmission line structures.	APS standard design practices include the use of non-specular and dulled surfaces for transmission structures.

**Condition 15**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
<p>Within 45 days of securing easement or right of way for the Project, the Applicant shall erect and maintain signs providing public notice that the property is the site of a future transmission line or substation site. Such signage shall be no smaller than a normal roadway sign printed on materials of a color designed to attract attention. The Applicant shall place signs such that the public is notified along the full length of the transmission line until the transmission structures are constructed. There must also be signs at the location of the proposed substations. The signs shall advise:</p> <ul style="list-style-type: none"> <li>• that the site has been approved for the construction of Project facilities including a 230kV transmission line, as applicable to the individual site;</li> <li>• the size and location of the respective substations;</li> <li>• the expected date of completion of the Project facilities;</li> <li>• a phone number for public information regarding the Project;</li> <li>• the name of the Project;</li> <li>• the name of the applicant; and</li> <li>• the applicant's website.</li> </ul>	APS has complied with this Condition. APS has installed signage consistent with the terms of this Condition.

**Condition 16**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
In the event that the Project requires an extension of the term of this Certificate prior to completion of construction, Applicant shall use reasonable means to directly notify all landowners and residents within a one-half mile radius of the Project facilities for which the extension is sought. Such landowners and residents shall be notified of the time and place of the proceeding in which the Commission shall consider such request for extension.	APS filed an Application to extend the term of the CEC on November 3, 2014. Once an open meeting date is set to hear the term extension APS will notify all landowners and residents within a one-half mile radius of the Project facilities.

**Condition 17**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
<p>Before construction on this Project may commence, the Applicant must file a construction mitigation and reclamation plan with ACC Docket Control with copies to affected areas of jurisdiction. The Applicant shall, within one year of completion of construction of the Project, re-vegetate any native area disturbed by construction of the Project outside of the power-line right of way, except for any road that may be necessary to access the transmission lines or substation sites for maintenance and repair.</p> <p>The goals of the Plan will be to:</p> <ul style="list-style-type: none"> <li>• Avoid impacts where practical;</li> <li>• Where impacts are unavoidable, minimize impacts; and</li> <li>• Focus on site preparation to facilitate natural processes of re-vegetation and drainage.</li> </ul> <p>Other key elements of the Plan, when not inconsistent with the respective land management agencies' or local owners' requirements, are to:</p> <ul style="list-style-type: none"> <li>• Emphasize final site preparation to encourage natural re-vegetation;</li> <li>• Avoid (i.e., preserve), where practical, mature native trees;</li> <li>• Stipulate a maximum construction corridor width;</li> <li>• Reserve topsoil and native plant materials from right-of-way before grading, and distribute over the right-of-way after construction is complete;</li> <li>• Imprint the reclaimed right-of-way to provide indentations to catch seed and water;</li> <li>• Implement best management practices to protect the soil;</li> <li>• Apply reclamation methods that have been proven effective in the desert environment; and</li> </ul> <p>Prevent, where applicable, the spread of noxious weeds or other undesirable species.</p>	<p>A construction mitigation and reclamation plan (CMRP) was filed with ACC Docket Control with copies mailed to affected areas of jurisdiction on September 26, 2014. Construction commenced on Trilby Wash Substation site in February 2014. APS did not file a CMRP with ACC Docket Control prior to construction beginning. APS adhered to all applicable Conditions triggered by the CMRP when constructing Trilby Wash Substation.</p>

**Condition 18**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
<p>Applicant shall comply with the mitigation measures contained in the December 27, 2004 letter from Arizona Game and Fish Department to the Power Plant and Transmission Line Siting Committee which is attached as Exhibit C.</p>	<p>APS is complying with this Condition. The requirements of this Condition are addressed in the construction mitigation and reclamation plan that was filed with ACC Docket Control on September 26, 2014.</p>

**Condition 19**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
<p>Applicant shall monitor all ground clearing/disturbance activities that could affect sensitive species or habitat. Where warranted, Applicant shall retain a qualified biologist to conduct pre-construction activities to minimize or prevent impacts to sensitive species or habitat. Specifically, Applicant shall survey or monitor for Sonoran desert tortoises. If desert tortoises are encountered during construction, the Applicant shall follow the Arizona Game &amp; Fish Department's Guidelines for Handling Sonoran Desert Tortoises.</p>	<p>APS has retained an environmental consultant (including a qualified biologist) to oversee the Project and ensure compliance with this Condition.</p>

**Condition 20**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
<p>Applicant shall salvage mesquite, ironwood, palo verde trees and saguaros removed during Project construction activities consistent with Arizona's Native Plant Law and use the vegetation for reclamation in or near its original location.</p>	<p>APS standard practice includes adherence to the Arizona Native Plant Law, where applicable.</p>

**Condition 21**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
Applicant shall work with the applicable jurisdictions to implement landscaping for the substation sites in accordance with municipal planning and zoning requirements.	APS is in compliance with the permitting jurisdictions regarding substation landscaping.

**Condition 22**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
Applicant shall submit a self-certification letter annually, identifying which Conditions contained in the Certificate have been met. Each letter shall be submitted to the Utilities Division Director on December 1, beginning in 2006. Attached to each certification letter shall be documentation explaining, in detail, how compliance with each Condition was achieved. Copies of each letter, along with the corresponding documentation, shall also be submitted to the Arizona Attorney General and Department of Commerce Energy Office.	Compliance with this Condition is evidenced by the submission of this filing.

**Condition 23**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
With respect to the Project, Applicant shall participate in good faith in state and regional transmission study forums, and shall coordinate transmission expansion plans related to the Project to resolve transmission constraints in a timely manner.	APS coordinates its transmission planning with other transmission providers and stakeholders in the Desert Southwest, and the Western Interconnection as a whole, through its active participation in the Southwest Area Transmission (SWAT) planning group, membership in WestConnect, membership in the Western Electricity Coordinating Council (WECC) and participation in the WECC Transmission Expansion Planning Policy Committee (TEPPC) and its Technical Advisory Subcommittee (TAS).

**Condition 24**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
Applicant shall provide copies of this Certificate to appropriate city and county planning agencies, SHPO, AGFD and ASLD.	APS has complied with this Condition and previously reported this Condition as satisfied in its 2006 self-certification filing.

**Condition 25**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
Applicant shall work with developers along the route to encourage them to include the identity and location of the certificated route in the developers' homeowners' disclosure statement.	APS provides support for developers regarding transmission facilities on its siting website at <a href="http://www.aps.com/siting">www.aps.com/siting</a> along with links to current and completed High Voltage transmission siting Projects.

**Condition 26**

<b>Certificate Condition</b>	<b>Action of Compliance</b>
Applicant shall publish a copy of this certificate and the attachments on the Applicant's Project website within 10 days of approval of the Commission.	APS previously reported this as satisfied in its 2006 self-certification filing.



## Condition 1

The Applicant shall obtain all required approvals and permits necessary to construct the Project.

## Compliance

As of November 1, 2014, APS has applied for the following permits and approvals associated with the West Valley - North 230kV Project. The following table lists the status of these permits or approvals.

<b>Issuing/Approving Agency</b>	<b>Type</b>	<b>Application/Approval Status</b>
Department of Energy - Western Area Power Administration	Permit	Approved 3/23/09 License Agreement DOE - 124
Bureau of Land Management	Right of Way	Grant issued AZA-33510 and AZA-33510-01 11/28/2012. Notice To Proceed and POD approved Dec 2013
Bureau of Reclamation (CAP)	Right of Way	Application Submitted, 02/28/06 Pending CAP/BOR approval - Issued LAND USE AND CONSTRUCTION PERIOD LICENSE Aug 1, 2014 , 25 yr
Arizona State Land Department	Right of Way	Issued 6/12/09 R/W 14-111289, Issued 3/15/07 R/W 14-110192, Issued 4/20/07 R/W 14-108917
Central Arizona Project	Right of Way	Application Submitted, 02/28/06 Pending--- Issued LAND USE AND CONSTRUCTION PERIOD LICENSE Aug 1, 2014 , 25 yr